

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-28 previously cancelled.

Claims 29-36 cancelled.

37. (Currently Amended) The A compound represented by formula (1) according to claim ~~3656~~, in which R₅ is a phenyl group substituted at least in position 3.

38. (Currently Amended) The A compound represented by formula (~~1~~) according to claim ~~3656~~, wherein R₅ is a phenyl group substituted at least in position 3 **and wherein the substituent by a substituent is selected in from** the group consisting of : CHO, CN, CONH₂, NO₂, CF₃, NH₂, halogen ~~atom (Cl)~~, (C₁-C₆) alkyl, a phenyl group optionally substituted; ~~in particular by an acetyl group, by a halogen atom (Cl), by a CONH₂ group or by a CN, a prop-1-ynyl group optionally substituted, in particular by a benzyloxy or tert-butyl carbamate, a hex-1-ynyl group optionally substituted, in particular by a CN or NH₂ group, a pentyl group optionally substituted, in particular by a CONH₂, a hexyl group, a piperidinyl group optionally substituted, in particular by a prop-1-ynyl, benzylaminomethyl, acetamide (CH₃CONH), aminomethyl, NH₂CS-, 4-phenyl-1,3-thiazo-2-yl, -CONHBenzyl, -COOethyl, -CONHiPropyl, -CONH-(CH₂)_n-CONH₂ (wherein n representing represents a whole number from 1 to 6), -CONR'R" group, with wherein R' and R", which are the same or different, representing represent a C₁ to C₆ alkyl group or a hydrogen atom, -(4-benzylpyperazin-1-yl)carbonyl, -CONH-(CH₂)_n-phenyl (wherein n representing represents a whole number from 1 to 6), imidazolyl, or a piperazinyl group optionally substituted, in particular by a phenyl group.~~

39. (Currently Amended) The A compound represented by formula (1) according to claim ~~3656~~, in which R₅ is a phenyl group substituted in positions 3 and 4, ~~in particular~~ by a hydrocarbon chain ~~possibly optionally~~ containing at least one heteroatom, ~~such as oxygen, like the methylenedioxy (-O-CH₂-O-)~~ said chain forming a ring with the phenyl group to which it is attached.

40. (Currently Amended) The A compound represented by formula (~~I1~~) according to claim ~~3656~~, in which R₅ is ~~the~~ 3-pyridyl, 4-isoquinolyl, or a piperazinyl group optionally substituted, ~~in particular~~ in position 4, by an aryl group, ~~such as phenyl~~.

41. (Currently Amended) The A compound represented by formula (~~I1~~) according to claim ~~3656~~, in which Z represents a sulfur atom or -NR₂, ~~with in particular wherein~~ R₂ and R₁ forming a form an imidazole ring of the imidazole type with R₁.

42. (Currently Amended) The A compound represented by formula (~~I1~~) according to claim ~~3656~~, in which: Z is ~~the oxygen atom, and/or~~; R₇ and R₈, independently of each other, represent an OR₁₀ group in which R₁₀ is ~~a~~ (C₁-C₆) alkyl group, ~~preferably an ethyl or methyl group, advantageously methyl, and/or~~; R₇ and R₈ each represent ~~an~~ ethoxy or methoxy group, ~~advantageously methoxy~~, or one represents ~~a~~ hydrogen atom and the other ~~an~~ ethoxy or methoxy group, ~~advantageously methoxy, and/or~~; R₈ and R₉, which are the same or different, represent ~~the~~ hydrogen atom, ~~a~~ halogen atom, ~~a~~ phenyl group, ~~a~~ (C₁-C₆) alkyl group or an OR₁₀ group in which R₁₀ is ~~a~~ (C₁-C₆) alkyl group, ~~preferably an ethyl or methyl group, and/or~~; R₃ and R_{3'}, ~~which are the same or different~~, represent a hydrogen atom, ~~and/or~~; R₁ is ~~a~~ (C₁-C₆) alkyl, (C₆-C₁₈) aryl group, ~~such as phenyl~~, (C₆-C₁₈) aryl (C₁-C₄) alkyl group ~~such as benzyl~~, optionally substituted, or a (C₁-C₁₂) alkyl (C₆-C₁₈) aryl group.

43. (Currently Amended) The A compound represented by formula (I1) according to claim **3656**, in which R₁ represents ~~a hydrogen atom or a~~ (C₁-~~C₃~~C₆) alkyl, (C₆-C₁₈) aryl ~~(for example: phenyl)~~, (C₆-C₁₈)aryl(C₁-C₄)alkyl ~~(for example: benzyl)~~, or a (C₁-C₁₂)alkyl(C₆-C₁₈)aryl group, said aryl group being optionally substituted.

44. (Currently Amended) The A compound represented by formula (I1) according to claim **3656**, in which R₅ is a phenyl group substituted by a group selected from:

- (a) one or more OR' groups, ~~in particular methoxy or ethoxy, or~~
- (b) a COR' group, ~~in particular acetyl or aldehyde, or~~
- (c) a CONR'R" group, ~~in particular CONH₂, or~~
- (d) a CN group, ~~or~~
- (e) a trifluoromethyl group, ~~or~~
- (f) an alkyl group, ~~for example methyl~~, or alkynyl group, ~~for example hexynyl or propynyl~~, or
- (g) an aryl or heterocycle group, ~~in particular phenyl, furyl, pyridyl, piperidine, thiazole or thienyl, said aryl or heterocycle itself~~ **being** optionally substituted by one or more groups **preferably** selected from groups (a)-(g).

45. (Currently Amended) The A compound represented by formula (i1) according to claim **3656**, in which at least one group of R₇ ~~or and~~ R₈ represents OR₁₀ where in R₁₀ represents a (C₁-C₆) alkyl or (C₃-C₅) cycloalkyl group.

46. (Currently Amended) The A compound represented by formula (I1) according to claim **3656**, in which at least one group R₇, or R₈ represents OR₁₀ where in R₁₀

represents a (C₁-C₆) alkyl or (C₃-C₆) cycloalkyl group, and at least one of ~~the groups~~ R₇ and R₈, ~~advantageously both~~, represents a methoxy group.

47. (Currently Amended) The A compound according to claim ~~3656~~, wherein said compound is selected from the ~~following compounds~~ group consisting of:

3-(7,8-dimethoxy-2-oxo-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl)benzonitrile, **3a**

7,8-dimethoxy-[5-(3-trifluoromethyl)phenyl]-1,3-dihydro-2*H*-1,4-benzodiazepin-2-one, **3d**

3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl)-benzonitrile, **4a**

3-[1-(4-chlorobenzyl)-7,8-dimethoxy-2-oxo-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl]-benzonitrile, **4c**

3-[1-(3,4-chlorobenzyl)-7,8-dimethoxy-2-oxo-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl]-benzonitrile, **4d**

3-[7,8-dimethoxy-1-(4-methoxybenzyl)-2-oxo-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl]-benzonitrile, **4e**

3-[1-(3-chlorobenzyl)-7,8-dimethoxy-2-oxo-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl]-benzonitrile, **4f**

3-(7,8-dimethoxy-2-oxo-1-[3-(trifluoromethyl)benzyl]-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl)-benzonitrile, **4g**

3-[1-(2-chlorobenzyl)-7,8-dimethoxy-2-oxo-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl]-benzonitrile, **4h**

3-{7,8-dimethoxy-2-oxo-1-[4-(trifluoromethyl)benzyl]-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl}-benzonitrile, **4i**

3-[7,8-dimethoxy-2-oxo-1-(2-phenylethyl)-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl]-benzonitrile, **4j**

3-(1-ethyl-7,8-dimethoxy-2-oxo-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl)benzonitrile, **4k**

3-(7,8-dimethoxy-1-propyl-2-oxo-2,3-dihydro-1*H*-1,4-benzodiazepin-5-yl)benzonitrile, **4l**

3-(1-benzyl-7,8-dimethoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile,
4m

ethyl[5-(3-cyanophenyl)-7,8-dimethoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-1-yl]acetate, **4n**

7,8-dimethoxy-1-methyl-[5-(3-trifluoromethyl)phenyl]-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **4o**

7,8-dimethoxy-1-ethyl-5-[3-(trifluoromethyl)phenyl]-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **4p**

5-[3-(trifluoromethyl)phenyl]-7,8-dimethoxy-1-*n*-propyl-1,3-dihydro-1,4-benzodiazepin-2-one, **4r**

1-benzyl-5-[3-(trifluoromethyl)phenyl]-7,8-dimethoxy-1,3-dihydro-1,4-benzodiazepin-2-one, **4s**

3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)-benzamide
5a

3-(6-bromo-7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5b**

3-(7,8-dimethoxy-1-methyl-2-oxo-6-phenyl-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5c**

3-(9-bromo-7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5d**

3-(7,8-dimethoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5e**

3-(7,8-dimethoxy-1-propyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide,
5f

3-(1-ethyl-7,8-dimethoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5g**

3-(1-benzyl-7,8-dimethoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide,
5h

ethyl{5-[3-(aminocarbonyl)phenyl]-7,8-dimethoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-1-yl}acetate, **5i**

3-(7,8-dimethoxy-1,3-dimethyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5j**

3-[3-(3,4-dichlorobenzyl)-7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl]benzamide, **5k**
3-(8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5l**
3-(7,8-dimethoxy-1-methyl-2-oxo-9-phenyl-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5m**
3-(6,8-dimethoxy-2-oxo-2,3-dihydro-1H,4-benzodiazepin-5-yl)benzamide, **5n**
3-(6,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5o**
tert-butyl-3-[3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)phenyl]propynylcarbamate, **6a**
7,8-dimethoxy-5-(3'-hex-1-ynylphenyl)-1-N-methyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **6b**
7,8-dimethoxy-1-methyl-5-[3-(3-piperidin-1-ylprop-1-ynyl)phenyl]-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **6c**
6-[3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)phenyl]hex-5-ynenitrile, **6d**
7,8-dimethoxy-5-(3'-hexylphenyl)-1-N-methyl-1,3-dihydro-2H,4 benzodiazepin-2-one, **6e**
5-[3-(3-aminopropyl)phenyl]-7,8-dimethoxy-1-methyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one trifluoroacetate, **6h**
6-[3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)phenyl]hexanamide, **6i**
5-(4'-chloro-1,1'-biphenyl-3-yl)-7,8-dimethoxy-1-methyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **6j**
5-{3-[3-(benzyloxy)prop-1-ynyl]phenyl}-1-ethyl-7,8-dimethoxy-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **6k**
3'-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)-1,1'-biphenyl-3-carbonitrile, **6l**
3'-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)-1,1'-biphenyl-4-carbonitrile, **6m**

3'-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)-1,1'-biphenyl-4-carboxamide, **6n**

3'-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)-1,1'-biphenyl-3-carboxamide, **6o**

3-[3-(3,4-dichlorobenzyl)-7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl]benzonitrile, **7b**

7,8-dimethoxy-1,3-dimethyl-5-(3-trifluoromethylphenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **7c**

3-(7,8-dimethoxy-1,3-dimethyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **7d**

5-[3-(aminomethyl)phenyl]-7,8-dimethoxy-1-methyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **8a**

N-[3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzyl]acetamide, **8b**

3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)thiobenzamide, **9a**

7,8-dimethoxy-1-methyl-5-[3-(4-phenyl-1,3-thiazol-2-yl)phenyl]-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **9b**

5-(3-cyanophenyl)-7,8-dimethoxy-1,3-dihydro-2H-1,4-benzodiazepin-2-thione, **10d**

3-(8,9-dimethoxy-4H-imidazo[1,2-a][1,4]benzodiazepin-5-yl)benzonitrile, **11a**

3-(8,9-dimethoxy-4H-imidazo[1,2-a][1,4]benzodiazepin-6-yl)benzamide, **11b**

3-(7,8-dimethoxy-2-methylamino-1,3-dihydro-3H-1,4-benzodiazepin-5-yl)benzonitrile, **12a**

7,8-dimethoxy-1-methyl-5-(3-pyridyl)-1,3-dihydro-1,4-benzodiazepin-2-one, **17b**

7,8-dimethoxy-1-methyl-5-(3-nitrophenyl)-1,3-dihydro-1,4-benzodiazepin-2-one, **17c**

5-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)-2-benzonitrile, **17d**

5-(3-acetylphenyl)-7,8-dimethoxy-1-methyl-1,3-dihydro-1,4-benzodiazepin-2-one, **17e**

5-(4-isoquinoliny)-7,8-dimethoxy-1-methyl-1,3-dihydro-1,4-benzodiazepin-2-one, **17f**

7,8-dimethoxy-5-(3-hydroxymethylphenyl)-1-methyl-3-propyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **17h**

5-(3-aminophenyl)-7,8-dimethoxy-1-methyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **17i**

5-(3,4-dichlorophenyl)-7,8-dimethoxy-1-methyl-1,3-dihydro-1,4-benzodiazepin-2-one, **17J**

7,8-dimethoxy-1-methyl-5-(3-methylphenyl)-1,3-dihydro-1,4-benzodiazepin-2-one, **17k.**

5-(3-formylphenyl)-7,8-dimethoxy-1-methyl-1,3-dihydro-1,4-benzodiazepin-2-one, **17l**

5-[3-(benzylaminomethyl)phenyl]-7,8-dimethoxy-1-methyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one hydrochloride, **17m**

N-[3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)phenyl]acetamide, **17n**

7,8-dimethoxy-1-methyl-5-(3,4-methylenedioxyphenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **17o**

3-(7-hydroxy-8-methoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **22b**

3-(6-bromo-7-hydroxy-8-methoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **23b**

3-(9-bromo-8-hydroxy-7-methoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **23d**

3-(6-bromo-7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **24b**

3-(7,8-dimethoxy-1-methyl-2-oxo-6-phenyl-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **25b**

3-(7,8-dimethoxy-1-methyl-2-oxo-9-phenyl-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **25a**

tert-butyl-3-[5-(cyanophenyl)-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-9-yl)phenyl]prop-2-ynylcarbamate, **25c**

methyl(2E)-3-[5-(cyanophenyl)-7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-9-yl]phenyl]acrylate, **25d**

tert-butyl-3-[5-(cyanophenyl)-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-6-yl)phenyl]prop-2-ynylcarbamate, **25e**

[9-(3-aminoethynyl)-7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl]benzonitrile, **25f**

[6-(3-aminoethynyl)-7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl]benzonitrile, **25g**

3-(8-methoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **28a**

3-(6-methoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **28b**

3-(7-methoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **28c**

6-methoxy-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **28d**

7-methoxy-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **28e**

9-bromo-7,8-dimethoxy-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **28f**

3-(6,8-dimethoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **28g**

3-(7-bromo-6,8-dimethoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **28h**

3-(6,8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **29a**

3-(6,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **29b**

3-(7-bromo-6,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **29c**

3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)methyl benzoate, **34a**

3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzoic acid, **35a**

3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)N-isopropylbenzamide, **36a**

N-benzyl-3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **36b**

N-(6-amino-6-oxohexyl)-3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **36c**

3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)-N,N-dimethylbenzamide **36d**

5-(3-[(4-benzylpiperazin-1-yl)carbonyl]phenyl)-7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-2-one, **36e and**

3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)-N-(3-phenylpropyl)benzamide, **36f**.

48. (Currently Amended) ~~The~~A The compound according to claim 36, wherein said compound is selected from the **following compounds group consisting of:**

3-(1-benzyl-7,8-dimethoxy-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzonitrile, **4m**

7,8-dimethoxy-1-methyl-[5-(3-trifluoromethyl)phenyl]-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **4p**

3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5a**

3-(6-bromo-7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)benzamide, **5b**

tert-butyl-3-[3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)phenyl]propynylcarbamate, **6a**

7,8-dimethoxy-5-(3'-hex-1-ynylphenyl)-1-N-methyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **6b**

6-[3-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)phenyl]hex-5-ynenitrile, **6d**

7,8-dimethoxy-5-(3'-hexylphenyl)-1-N-methyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **6e**

5-(4'-chloro-1,1'-biphenyl-3-yl)-7,8-dimethoxy-1-methyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **6j**

3'-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)-1,1'-biphenyl-4-carbonitrile, **6m**

3'-(7,8-dimethoxy-1-methyl-2-oxo-2,3-dihydro-1H-1,4-benzodiazepin-5-yl)-1,1'-biphenyl-4-carboxamide, **6n**

3-(3,4-dichlorobenzyl)-1-ethyl-7,8-dimethoxy-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **7a**

7,8-dimethoxy-1-methyl-5-[3-(4-phenyl-1,3-thiazol-2-yl)phenyl]-1,3-dihydro-2H-1,4-benzodiazepin-2-one, **9b and**

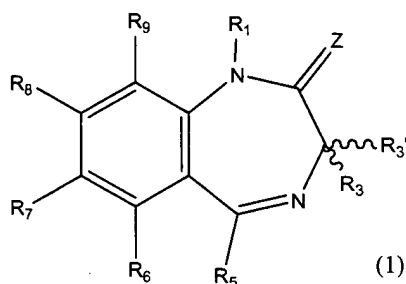
7,8-dimethoxy-1-methyl-5-(3-pyridyl)-1,3-dihydro-1,4-benzodiazepin-2-one, **17b**.

49. (Currently Amended) A pharmaceutical composition comprising at least one compound ~~such as defined in~~ in accordance with claim 36 and a pharmaceutically acceptable vehicle or excipient.

Claims 50-54 cancelled.

55. (New) A compound represented by formula (1) according to claim 39, wherein R₅ is a phenyl group substituted in positions 3 and 4 by a methylenedioxy chain that forms a ring with said phenyl group.

56. (New) A compound represented by formula (1)



in which:

Z represents oxygen, sulfur or -NR₂;

R₁ is selected from the group consisting of hydrogen, (C₁-C₆) alkyl, (C₆-C₁₈)aryl, (C₁-C₆)alkyl(C₆-C₁₈)aryl and (C₆-C₁₈)aryl(C₁-C₄)alkyl;

R₂ is selected from the group consisting of hydrogen, (C₁-C₆) alkyl, (C₆-C₁₈)aryl, (C₁-C₆)alkyl(C₆-C₁₈)aryl and (C₆-C₁₈)aryl(C₁-C₄)aryl, and wherein Z is -NR₂, R₁ and R₂ taken together may form a linear- or branched-hydrocarbon chain having from 2 to 6 carbon atoms, optionally containing one or more double bonds and optionally containing oxygen, sulfur or nitrogen;

R₃ and R₃' are independently selected from the group consisting of hydrogen, -(C₁C₁₂) alkyl, (C₃-C₆) cycloalkyl, (C₆-C₁₈) aryl, (C₆-C₁₈)aryl(C₁-C₄)alkyl, (C₁-C₁₂)alkyl(C₆-C₁₈)aryl, (C₅-C₁₈) heterocycle, aromatic or not, containing 1 to 3 heteroatoms, -NO₂, CF₃, CN, NR'R", SR', OR', COOR' and CONR'R", wherein R' and R" are independently selected from the group consisting of hydrogen, (C₁-C₆) alkyl, (C₃-C₆) cycloalkyl, (C₆-C₁₂) aryl and a (C₅-C₁₂) heterocycle, aromatic or not, containing 1 to 3 heteroatoms;

R₅ represents a phenyl group substituted at least in position 3; a naphthyl group; a (C₅-C₁₈) heterocycle, aromatic or not, containing 1 to 3 heteroatoms, selected from the group consisting of pyridyl, isoquinolyl, quinolyl and piperazinyl, provided that, when R₅ is a naphthyl group substituted in position 6, said naphthyl group is not attached to the rest of the molecule at position 2, or when R₅ is a pyridyl group, said pyridyl group is not attached to the rest of the molecule at position 4, or when R₅ is a tetrahydro-1,2,3,4-isoquinolyl group, said group is not attached to the rest of the molecule at position 2, or when R₅ represents a phenyl group substituted at least in position 3, said substituent is selected from the group consisting of: alkyl, halogenoalkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, aryl, (C₅-C₁₈) heterocycle, aromatic or not, hydroxy, = O, NO₂, NH₂, CN, COR', COOR', (C₁-C₆)alkoxy, (di)(C₁-C₆)alkylamino, NHCOR', CONR'R" group, in which R' and R" are as defined hereinabove, CHO, CONH₂ and phenyl optionally substituted by an acetyl group, halogen, CONH₂ or CN; prop-1-ynyl optionally substituted by a benzyloxy or tert-butyl carbamate; hex-1-ynyl optionally substituted by CN or NH₂; pentyl optionally substituted by CONH₂; hexyl; piperidinyl optionally substituted by a prop-1-ynyl, benzylaminomethyl, acetamide, aminomethyl, NH₂CS-, 4-phenyl-1,3-thiazol-2-yl, -CONHBenzyl, -COOethyl, -CONHiPropyl, -CONH-(CH₂)_n-CONH₂ (wherein n represents a whole number from 1 to 6), a -CONR'R" group, wherein R' and R" are independently C₁-C₆ alkyl or hydrogen, -(4-benzylpiperazin-1-yl)carbonyl, -CONH-(CH₂)_n-phenyl (wherein n represents a whole number from 1 to 6), imidazolyl, piperazinyl optionally substituted by a phenyl group, or R₅ is substituted in positions 3 and 4 by halogens or by a hydrocarbon chain, optionally containing a heteroatom, thereby forming a ring with the phenyl;

R₇ and R₈ are independently selected from the group consisting of hydrogen, halogen and a OR₁₀, group in which R₁₀ represents hydrogen, (C₁-C₆) alkyl, (C₃-C₆) cycloalkyl, (C₆-C₁₂) aryl, or a (C₅-C₁₂) heterocycle, aromatic or not, containing 1 to 3 heteroatoms, wherein at least one R₇ and R₈ represents a OR₁₀ group as defined hereinabove;

R₆ and R₉ are independently selected from the group consisting of hydrogen, halogen, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, aralkyl, heterocycle, aromatic or not, and an OR₁₀ group, wherein R₁₀ is as defined hereinabove;

further wherein the alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, aryl and heterocycle, aromatic or not, groups, or the hydrocarbon chain defined hereinabove are optionally substituted by one or more substituents independently selected from the group consisting of halogen, alkyl, halogenoalkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, aryl, heterocycle, aromatic or not, hydroxy, =O, NO₂, NH₂, CN, COR', COOR', (C₁-C₆)alkoxy, (di)(C₁-C₆)alkylamino, NHCOR' and CONR'R" groups, in which R' and R" are as defined hereinabove,

and pharmaceutically acceptable salts thereof,

with the exception of compounds represented by formula (1) in which:

R₁ is alkyl, R₃, R₃', R₆ and R₉ are hydrogen, and R₅ is a phenyl group substituted at least in position 3 by a methoxy group;

R₁ is alkyl or hydrogen, R₃, R₃', R₆ and R₉ are hydrogen, R₅ is a phenyl group substituted only in position 3 by chlorine or bromine;

R₁ is alkyl, R₃, R₃', R₆ and R₉ are hydrogen, R₅ is a phenyl group substituted at least in position 3 by a CH₂OH group;

R₁, R₃, R₃', R₆ and R₉ are hydrogen, R₅ is a phenyl group substituted only in position 3 by CF₃,

R₁ is alkyl, R₃, R₃', R₆ and R₉ are hydrogen, R₅ is a phenyl group substituted in positions 3 and 5 by CF₃,

R1 is alkyl, R3, R3', R6 and R9 are hydrogen, R7 and R8 are methoxy, R5 is a phenyl group substituted in position 3 by a phenyl group, and

R1 is alkyl, R3, R3', R6 and R9 are hydrogen, R7 and R8 are methoxy, R5 is a phenyl group substituted in position 3 by a phenylethynyl group.